

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:

Davies Collison Cave
Level 15
1 Nicholson Street
MELBOURNE VIC 3000

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

(PCT Rule 44.1)

PxK

Date of mailing
(day/month/year) 15 DEC 2003

Applicant's or agent's file reference
12258150

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No.

PCT/AU03/00892

International filing date

10 July 2003

Applicant

CRYPTOME RESEARCH PTY LTD et al

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

Where? Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

Shortly after 18 months from the priority date, the international application will be published by the International Bureau.

If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE
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Facsimile No. (02) 6285 3929

Authorized officer

ANTHEA HARVIE

Telephone No. (02) 6283 2552

PATENT COOPERATION TREATY
PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 12258150.	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/AU03/00892	International filing date (<i>day/month/year</i>) 10 July 2003	(Earliest) Priority Date (<i>day/month/year</i>) 10 July 2002
Applicant CRYPTÔME RESEARCH PTY LTD et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (See Box II).

4. With regard to the **title**, ☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**, ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant. ☐ None of the figures
☐ because the applicant failed to suggest a figure
☐ because this figure better characterizes the invention

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00892

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: G01N 33/68, 33/86, C12N 9/76, C12Q 1/66, 1/56, C07K 1/36, 17/02, 14/75

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC G01N 33/68, 33/86, C12N 9/76, C12Q 1/66, 1/56, C07K 1/36, 17/02, 14/75

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU: IPC AS ABOVE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubMed, esp@cenet, USPTO, Wiley InterScience, Elsevier ScienceDirect, IPC G01N 33/68, C12N 9/76, C12Q 1/56, C07K 1/36, 17/02, 14/75 and keywords (detection, identification, determination, trypt+, fibrinogen, Bruker Daltonics, MTP, screening, library, bioact+, peptides, protein, extract, mass spectromet+, MS MALDI-ToF MS, and like terms)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6358692 B1 (JINDAL et al) 19 March 2002 Column 7 lines 16 - 20, column 8 line 1 - line 44, column 14 line 20 - 38, column 15 line 2 - 48, Example 2F, column 37 line 26 - 31.	1 - 8, 25 - 28
X	US 6329146 B1 (CROOKE ET AL) 11 December 2001 Column 7 lines 5 - 8, lines 53 - column 8 line 3, column 11 line 53 - column 12 line 4;	1 - 8, 25 - 28
P, X	US 6428956 B1 (CROOKE ET AL) 6 August 2002 Column 5 lines 21 - 24, column 6 lines 59 - 66, column 7 lines 40 - 60	1 - 8, 25 - 28

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
24 October 2003Date of mailing of the international search report
15 DEC 2003Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00892

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6221626 B1 (BIENVENUT et al) 24 April 2001 See whole document.	1 - 28
T	US 6495314 B1 (KENT et al) 17 December 2002 See whole document.	1 - 28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00892

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
US 6358692	EP 0835446 WO 9701755	EP 1300679	US 2002150926
US 6329146	AU 29773/99 US 6428956	CA 2322019 US 2002102572	EP 1060270 WO 9945150
US 6221626	CA 2244947	US 6632339	
US 6495314	AU 72478/96	WO 9711958	
END OF ANNEX			